What Is Claimed Is:

1. An Al-Mg-Si alloy sheet, comprising Mg in an amount of 0.1 to 3.0 mass% and Si in an amount of 0.1 to 2.5 mass%, wherein respective textures of Cube orientation, CR orientation, RW orientation, Goss orientation, Brass orientation, S orientation, Cu orientation, and PP orientation satisfy the conditions of the following expression (1):

$$([Cube] + [CR] + [RW] + [Goss] + [Brass] + [S] + [Cu] + [PP])/8 \leqq 1.0\ (\%) \cdots (1)$$

(where [x] denotes the standard deviation (%) of the area ratio of an orientation x in a sheet cross section every 500 μm along the sheet width direction).

2. The Al-Mg-Si alloy sheet according to claim 1, further comprising at least one selected from the group consisting of 1.0 mass% or less of Fe, 0.3 mass% or less of Mn, 0.3 mass% or less of Cr, 0.3 mass% or less of Zr, 0.3 mass% or less of V, and 0.1 mass% or less of Ti.

3. The Al-Mg-Si alloy sheet according to claim 1, further comprising at least one of 1.0 mass% or less of Cu and 1.0 mass% or less of Zn.

4. An intermediate material in the manufacture of an Al-Mg-Si alloy, comprising Mg in an amount of 0.1 to 3.0 mass% and Si in an amount of 0.1 to 2.5 mass%, and being in the shape of a sheet, wherein the average value of the sizes along the sheet thickness direction of textures of respective

orientations is 50 μm or less.

5. The intermediate material in the manufacture of an Al-Mg-Si alloy according to claim 4, further comprising at least one selected from the group consisting of 1.0 mass% or less of Fe, 0.3 mass% or less of Mn, 0.3 mass% or less of Cr, 0.3 mass% or less of Zr, 0.3 mass% or less of V, and 0.1 mass% or less of Ti.

6. The intermediate material in the manufacture of an Al-Mg-Si alloy according to claim 4, further comprising at least one of 1.0 mass% or less of Cu and 1.0 mass% or less of Zn.

7. A method for manufacturing the Al-Mg-Si alloy sheet according to claim 1, comprising: subjecting an aluminum alloy containing Mg in an amount of 0.1 to 3.0 mass% and Si in an amount of 0.1 to 2.5 mass% to hot rolling and cold rolling; and subjecting the aluminum alloy to intermediate annealing immediately before the cold rolling or during the cold rolling , wherein the intermediate annealing conditions are set such that the annealing temperature is 150 to 320 °C and the annealing time is 20 hours or more.

8. The method for manufacturing the Al-Mg-Si alloy sheet according to claim 7, wherein the starting temperature of the hot rolling is set at 500 °C or less, and the finishing temperature of the hot rolling is set at 250 °C or less.

9. The method for manufacturing the Al-Mg-Si alloy sheet according to claim 7, wherein the cold rolling reduction in the cold rolling is set at 70 % or more.

10. A method for manufacturing the intermediate material

in the manufacture of an Al-Mg-Si alloy according to claim 4, comprising: subjecting an aluminum alloy containing Mg in an amount of 0.1 to 3.0 mass% and Si in an amount of 0.1 to 2.5 mass% to hot rolling; and subjecting the aluminum alloy to annealing after the hot rolling, wherein the annealing conditions are set such that the annealing temperature is 150 to 320 °C and the annealing time is 20 hours or more.

11. The method for manufacturing the intermediate material in the manufacture of an Al-Mg-Si alloy according to claim 10, wherein the starting temperature of the hot rolling is set at 500 °C or less, and the finishing temperature of the hot rolling is set at 250 °C or less.